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PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

LEC01 P-428

First Inventor

John Michael Hauck et al.

Title

INDENTATION HARDNESS TEST SYSTEM

Express Mail Label No.

EL703563455US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

22386 US PTO
10/679823

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 20]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
5. Oath or Declaration [Total Sheets 1]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☒ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1499
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Transmittal Letter of Disc 1/Copy 1; Transmittal Letter of Disc 1/Copy 2

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

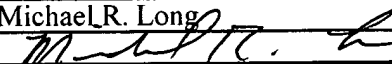
Prior application information: Examiner _____ Art Unit: _____

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: 000277 OR ☐ Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Michael R. Long	Registration No. (Attorney/Agent)	42 808
Signature		Date	10/06/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2003 <i>Effective 01/01/2003. Patent fees are subject to annual revision.</i>		Complete if Known	
		Application Number	
		Filing Date	
		First Named Inventor	John Michael Hauck et al.
		Examiner Name	
		Art Unit	
☐ Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	LEC01 P-428
TOTAL AMOUNT OF PAYMENT		(\$) 910.00	

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																																	
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☒ Deposit Account: Deposit Account Number: 16-2463 Deposit Account Name: Price Heneveld et al.		<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td></td><td></td><td>1051</td><td>130</td><td>2051 65 Surcharge - late filing fee or oath</td><td></td></tr><tr><td></td><td></td><td>1052</td><td>50</td><td>2052 25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td></td><td></td><td>1053</td><td>130</td><td>1053 130 Non-English specification</td><td></td></tr><tr><td></td><td></td><td>1812</td><td>2,520</td><td>1812 2,520 For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td></td><td></td><td>1804</td><td>920*</td><td>1804 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td></td><td></td><td>1805</td><td>1,840*</td><td>1805 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td></td><td></td><td>1251</td><td>110</td><td>2251 55 Extension for reply within first month</td><td></td></tr><tr><td></td><td></td><td>1252</td><td>410</td><td>2252 205 Extension for reply within second month</td><td></td></tr><tr><td></td><td></td><td>1253</td><td>930</td><td>2253 465 Extension for reply within third month</td><td></td></tr><tr><td></td><td></td><td>1254</td><td>1,450</td><td>2254 725 Extension for reply within fourth month</td><td></td></tr><tr><td></td><td></td><td>1255</td><td>1,970</td><td>2255 985 Extension for reply within fifth month</td><td></td></tr><tr><td></td><td></td><td>1401</td><td>320</td><td>2401 160 Notice of Appeal</td><td></td></tr><tr><td></td><td></td><td>1402</td><td>320</td><td>2402 160 Filing brief in support of an appeal</td><td></td></tr><tr><td></td><td></td><td>1403</td><td>280</td><td>2403 140 Request for oral hearing</td><td></td></tr><tr><td></td><td></td><td>1451</td><td>1,510</td><td>1451 1,510 Petition to institute a public use proceeding</td><td></td></tr><tr><td></td><td></td><td>1452</td><td>110</td><td>2452 55 Petition to revive - unavoidable</td><td></td></tr><tr><td></td><td></td><td>1453</td><td>1,300</td><td>2453 650 Petition to revive - unintentional</td><td></td></tr><tr><td></td><td></td><td>1501</td><td>1,300</td><td>2501 650 Utility issue fee (or reissue)</td><td></td></tr><tr><td></td><td></td><td>1502</td><td>470</td><td>2502 235 Design issue fee</td><td></td></tr><tr><td></td><td></td><td>1503</td><td>630</td><td>2503 315 Plant issue fee</td><td></td></tr><tr><td></td><td></td><td>1460</td><td>130</td><td>1460 130 Petitions to the Commissioner</td><td></td></tr><tr><td></td><td></td><td>1807</td><td>50</td><td>1807 50 Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td></td><td></td><td>1806</td><td>180</td><td>1806 180 Submission of Information Disclosure Stmt</td><td></td></tr><tr><td></td><td></td><td>8021</td><td>40</td><td>8021 40 Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td></td><td></td><td>1809</td><td>750</td><td>2809 375 Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td></td><td></td><td>1810</td><td>750</td><td>2810 375 For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td></td><td></td><td>1801</td><td>750</td><td>2801 375 Request for Continued Examination (RCE)</td><td></td></tr><tr><td></td><td></td><td>1802</td><td>900</td><td>1802 900 Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="2"></td><td colspan="4">Other fee (specify) _____</td></tr><tr><td colspan="2"></td><td colspan="4">*Reduced by Basic Filing Fee Paid</td></tr><tr><td colspan="2"></td><td colspan="2">SUBTOTAL (3)</td><td colspan="2">(\$)</td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			1051	130	2051 65 Surcharge - 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SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Michael R. Long	Registration No. (Attorney/Agent)	42 808
Signature	<i>Michael R. Long</i>	Telephone	616-949-9610
		Date	October 6, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : John Michael Hauck et al.

For : INDENTATION HARDNESS TEST SYSTEM

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

TRANSMITTAL LETTER

Transmitted herewith is a computer program listing appendix on one compact disc labeled "Computer Program Listing Appendix--Disc 1/Copy 1," which is identical to the compact disc labeled "Computer Program Listing Appendix--Disc 1/Copy 2." The compact disc is formatted for IBM-PC, is MS-Windows operating system compatible and includes the following files by name, date of creation and size in bytes on CD-R in ASCII file format.

<u>File Name</u>	<u>Creation Date</u>	<u>Size (bytes)</u>
BasicDrawing.cpp	October 1, 2003	1,766
BasicDrawing.h	October 1, 2003	1,310
BasicHandle.cpp	October 1, 2003	5,194
BasicHandle.h	October 1, 2003	3,005
BasicNavigationPoint.cpp	October 1, 2003	2,077
BasicNavigationPoint.h	October 1, 2003	1,260
CompositeImage.cpp	October 1, 2003	23,476
CompositeImage.h	October 1, 2003	1,935
CompositeImaging.h	October 1, 2003	714
CompositeLiveOverlay.cpp	October 1, 2003	8,958
CompositeLiveOverlay.h	October 1, 2003	1,590
CompositeStageMediator.cpp	October 1, 2003	5,174
CompositeStageMediator.h	October 1, 2003	982
CompositeViewLayer.cpp	October 1, 2003	6,467
CompositeViewLayer.h	October 1, 2003	1,502
Drawable.h	October 1, 2003	392
Drawing.h	October 1, 2003	2,152
DrawingTool.cpp	October 1, 2003	1,390
DrawingTool.h	October 1, 2003	2,255
DrawingView.h	October 1, 2003	1,141

Applicants : John Michael Hauck et al.
 For : INDENTATION HARDNESS TEST SYSTEM
 Page : 2

Figure.cpp	October 1, 2003	935
Figure.h	October 1, 2003	4,153
FigureBase.cpp	October 1, 2003	3,595
FigureBase.h	October 1, 2003	1,729
Geometry.cpp	October 2, 2003	11,490
Geometry.h	October 1, 2003	6,242
Grabber.cpp	October 1, 2003	14,952
Grabber.h	October 1, 2003	2,950
GrabberProvider.h	October 1, 2003	1,184
GraphicPrimitives.cpp	October 2, 2003	9,612
GraphicPrimitives.h	October 1, 2003	4,085
IaDoc.cpp	October 1, 2003	23,986
IaDoc.h	October 1, 2003	6,228
Image.h	June 10, 2003	3,201
ImageOverlay.h	June 10, 2003	1,916
Indent.cpp	October 1, 2003	49,537
Indent.h	October 1, 2003	10,349
IndentDrawing.cpp	October 1, 2003	40,163
IndentDrawing.h	October 1, 2003	7,182
IndentGroup.cpp	October 1, 2003	49,011
IndentGroup.h	October 1, 2003	9,937
IndentPosLine.cpp	October 1, 2003	14,448
IndentPosLine.h	October 1, 2003	3,325
IndentVector.cpp	October 1, 2003	19,455
IndentVector.h	October 1, 2003	4,190
InImageSource.cpp	October 1, 2003	10,883
InImageSource.h	October 1, 2003	1,806
MoveInfoImpl.cpp	October 1, 2003	1,807
MoveInfoImpl.h	October 1, 2003	1,203
MtCamera.h	October 1, 2003	1,578
MtStage.cpp	October 1, 2003	54,322
MtStage.h	October 1, 2003	15,851
MtStageCom.cpp	October 1, 2003	13,620
MtStageCom.h	October 1, 2003	2,094
MtTrace.cpp	July 22, 2003	21,219
MtTrace.h	June 10, 2003	3,314
NavigationPoint.h	October 1, 2003	1,818
Objective.cpp	June 10, 2003	7,464
Objective.h	June 10, 2003	2,481
PanopticSettings.h	October 1, 2003	713
PanopticView.cpp	October 1, 2003	43,831
PanopticView.h	October 1, 2003	5,994

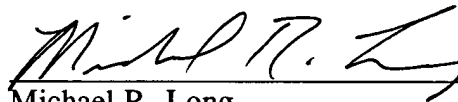
Applicants : John Michael Hauck et al.
For : INDENTATION HARDNESS TEST SYSTEM
Page : 3

PatternPreferences.cpp	October 1, 2003	3,542
PatternPreferences.h	October 1, 2003	2,946
PositionTool.cpp	October 1, 2003	10,992
PositionTool.h	October 1, 2003	1,465
TextFigure.cpp	October 2, 2003	6,380
TextFigure.h	October 2, 2003	2,929
TransformationMatrix2D.cpp	October 1, 2003	3,771
TransformationMatrix2D.h	October 1, 2003	1,915
ViewLayer.h	October 1, 2003	565

Respectfully submitted,

By: PRICE, HENEVELD, COOPER,
DEWITT & LITTON

10-06-03
Date



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